

Lafayette Fire Department 2010 Annual Report

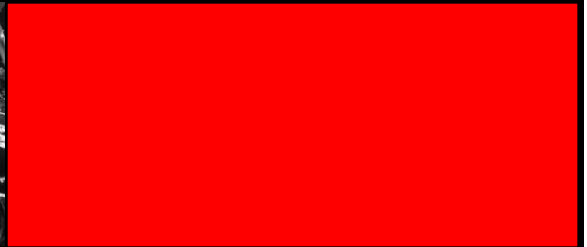


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Mission Statement



To respond to the needs of the citizens of Lafayette in a timely manner through continuing public education, multi-agency and community cooperation, quick response, and a desire to make Lafayette a safer place to live

2010 Personnel Roster

Chief

Jim Morrow

Assistant Chief of Special Operations

Mike Blann

Assistant Chief of Training

Richard Doyle

Assistant Chiefs of Suppression

Tim Ford - A Shift

Mike Heatt - B Shift

Rick Dehahn - C Shift

Assistant Chief of Urban Service

Ron Ritchey

Inspectors

Patrick Grimes

Dave Thomas

Derrick Davis

Gary Bennett

Executive Assistant

Beth Duell

Administrative Assistant

Samantha Taylor

Captains

Steve Anderson
Bob Burke
Steve Butram
Randy Evans
Larry Hitze
Dave Thelen
Mike Tribbett

Lieutenants

John Berkshire
David Bisher
Rodney Brewer
Matt Chase
Joe Danaher
Dane Elston
Todd Ford
Tim Franscoviak
Bill Griffis
Mark Halsema
Chad Hoey
Tom Holladay
Terry Littleton
Joe Long
Rick Meyer
Marc Motuliak
Ted Murphy
Elmo Robledo
Mike Schwarz
Craig Stanton
Joe Steckler
Karl Stokes
Todd Wagner
Rich Wilkins

Sergeants

Brian Alkire
Steve Arndt
Steve Black
Jim Brewer
Denny Burkhardt
John Butler
Jack Cross
Jim Dickensheets
Philip Difabio
Heather Evans
Denny Gick
Pat Griswold
John Gullion
William Hudelson
Randy Keen
Mike Koning
Mark Lee

Kevin Marsh
Jon McDaniel
Tagg Morris
Brian Perior
Greg Phillips
Mark Phillips
Dave Pritchett
John Robinson
Bruce Stafford
David Stanley
Tim Stillabower
Don Thelen
Brian Toby
Darrell Vandergraff
Alan Wade
Chad Wiesler
Ryan Woody

Journeyman

Brian Adkins
Scott Alkire
Dave Allspaw
Ryan Altman
Mark Antonian
Joe Barker
Jamie Blacker
Mark Beeler
Tim Butz
Darren Chase
Jason Clark
Myron Congram
Chris Conklin
Steve Cornelius
Brad Cornell
Mike Davis
Adam Deaton
Damon Downey
Doug Dunwoody
Toby Frost
Gary Gaither

Chris Gorbett
Darryl Graham
Scott Guinn
John Hamilton
Chris Hathaway
Jeff Hauser
Bill Holderfield
Patrick Holladay
Mike Hoskins
Jeremy Hostetler
Scott Hunter
Jason Jordan
Ted Koeppen
Matt Kubat
Todd Lyons
Lance Martin
Ron Martin, Jr.
Bob McCord
Chad McCord
Marc McKinney
Eliseo Medrano

Travis Meyer
Mike Moran
Bob Morehouse
Leonard Muinzer
Todd Munson
Doug Newhart
Travis Oliver
Bill Patterson
Lester Pelfree
Juan Perera
Jeff Ramey
Trent Richter
Shawn Rice
Jeff Smith
Mike Stull
Jason Swank
Paul Terhune
Troy Trent
Johnathan Wetter
Brad Young

New Recruits

Justin Brown
Sarah Hagerty
Mike Koning, Jr.
Clinton Korty
Jayson Lohmeyer
Ryan Sanders
Kevin Woollen

Fire Stations

Station 1



Station 6



Station 2



Station 7



Station 3



Station 8



Station 5



Station 9



Training Center





Live Fire Training – Flashover Trailer



Lafayette Fire Prevention

Overview

The Fire Prevention Bureau is staffed by a Division Chief & 4 full-time Inspectors whose primary responsibilities include:

- Public Education through media (print, radio, and television)
 - Schools (Annual Fire Prevention Show)
 - “Fire House” Band
 - Juvenile Fire Setter Education Program
 - Through Media (print, radio, and TV)
 - Free Smoke Detector “Early Alert Program”
 - Community “Outreach” Events, such as:
 - ✓ Lafayette School GLASS Program at Ross Hills
 - ✓ Tippecanoe County 4-H Fair
 - ✓ Various Others
- Building and Fire Code Enforcement for existing commercial buildings
- Plan Review and Inspections of new construction projects
- Liaison to Engineer Dept (meet with building owners/architects/contractors)
 1. Review Building, Sprinkler, Fire Alarm, Kitchen Hood Plans
 2. Conduct Building Inspections from beginning to end of project
 3. Conduct Pre-Design and Pre-Build Meetings with Architects and Contractors.
 4. Conduct Hydrant Flow Tests
- Fire and Explosion Investigations
 - Work in close proximity with federal, state and local law enforcement and the prosecutor’s office in arson investigations.
 - Work closely with private insurance investigators on all cases.
 - Work in partnership with LPD Detectives and the Prosecutor’s Office in arson cases.

- Special Investigations
 - Internal Investigations as assigned
- Additional Administrative Duties include, but not limited to:
 - Grant Funding
 - Continued Education and Training for Staff
 - Recruit and firefighter training (as assigned by Training Division)
 - Assist Company Officers with Preplans in Complex Structures
 - ISO Rating for department

2010 YEAR IN REVIEW

The Fire Prevention Bureau increased productivity (“doing more with less”) during the course of the year. Highlights of these include:

- The number of Existing Inspections for 2010 increased (19%) from previous year.
- The number of New Construction Plan Reviews for 2010 increased (19%) from previous year.
- The number of New Construction Building Inspections for 2010 increased (19%) from previous year.
- The number of New Construction Systems Inspections (*Sprinklers, Fire Alarms*) increased (19%) for 2010 from previous year.
- The number of Arson Fires decreased (3%) from 2009, and decreased (28%) from 2008, to a total number of 21% of all fires investigated in 2010.

Public Education

“Annual” FIRE PREVENTION SHOW

Our “annual” Fire Prevention Show returned in 2010, after having to be cancelled in 2009 as a result of scheduling conflicts which occurred with the new Rohrman Performing Arts Center at Lafayette Jeff High School. Corporate Sponsors for the show provided by State Farm Insurance and White Castle/Blaze’s Restaurant.

In commemoration of the Great Chicago Fire, which occurred on October 8, 1871, fire departments across this nation pay tribute to those who lost their lives in this fire, by exerting large amounts of resources in education to the general public about the dangers associated with fire. The Lafayette Fire Department has targeted elementary school age children as our main audience to educate for the past 20 plus years. Here is a brief history of our educational efforts:

In the mid 1980’s, members of the Fire Prevention Bureau would visit each elementary school during Fire Prevention Week and educate each school individually. In an attempt to be more efficient and effective, fire prevention education was moved to the Tippecanoe Mall and students in the Lafayette School Corporation in grades K-3 were transported by bus to the mall and educated collectively. In the early 1990’s, the show was transferred to the Tippecanoe County Fairgrounds, where students were educated by the use of hand puppets and recorded songs. In the mid 1990’s the show had a brief hiatus at the Long Center, located in downtown Lafayette. Since 1996, the show has been held at Lafayette Jeff High School Auditorium for students in grades K-2 from Lafayette School Corporation, West Lafayette

Schools, Tippecanoe County School Corporation and private Christian Schools. The format of the show changed dramatically in 1996, when we abandoned the puppet show and substituted live characters that are portrayed by local firefighters, and formed a band which performs live music during the performances. We educate approximately 6000 children each year during Fire Prevention Week.





Left to Right: Lafayette firefighters Denny Burkhardt (Sparky), Unknown (in fire gear), Steve Cornelius “Captain Corn”, and Brian Perior, “Eugene the Rocket”.



Left to Right: Lafayette firefighters Heather Evans (Mini Matches), Inspector Pat Grimes (Mike the Match), Steve Cornelius “Captain Corn”, John Hamilton “Louey Lighter”, Retired firefighter Jerry Gordon “Roy”, and Brian Perior, “Eugene the Rocket”.



Left to Right: Seated State Farm Volunteers “Crash Test Dummies”, Lafayette Police Officer “Mike McIver”, West Lafayette Fire Inspector Brian Lancaster “Sparky Jr.”



“Fire House Band”

Left to Right: Gary Higgins, Inspector Derrick Davis, Julie Boles, John Tilford, Justin Richard, Assistant Chief Ron Ritchey, Retired Assistant Chief Jerry Reynolds



LSC- GLASS PROGRAM @ ROSS HILL'S FUN FEST DAY

In May, we participated in educating approximately 1000 special needs children in Tippecanoe County and surrounding counties. The event is coordinated through Greater Lafayette Area Special Services (GLASS). These children enjoy touring the area on a real fire truck and interacting with local firefighters.

TIPPECANOE COUNTY 4-H FAIR

The Lafayette Fire Department participated once again in public education at the Tippecanoe County 4-H Fair in July. The Fire Prevention Bureau sets up a booth in the exhibitors tent and hands out over 2000 free fire helmets, stick-on badges and coloring books. While handing out each of the fire helmets, children that show up at the booth must answer a fire safety question to receive his or her prize. Free smoke detectors are also handed out to people who qualify and are in need of one.

JUVENILE FIRE SETTER PROGRAM

The LFD Juvenile Fire Setter Program is a program of education and evaluation. It is designed to teach children and parents that matches and lighters are tools, not toys. A child who demonstrates interest or curiosity about fire should be provided with information and education as soon as possible. Our staff is able to conduct an evaluation interview with both the parent(s) and child, to help determine why the child is interested in fire. The program also is able to determine if the curiosity can be controlled by the parent or if additional counseling is needed through professionals. In an effort to better serve our community, our staff networks with other juvenile fire setter programs throughout the state to identify new and better ways to educate and inform these children.

FREE SMOKE DETECTOR PROGRAM

Working in conjunction with our Firefighter's Union, the Fairfield Township Trustee's office, the International Brotherhood of Electrical Workers (IBEW), Kathryn Weil Center, Von Tobel's and the Historical Five Points Fire Museum, we offer free smoke detectors to members of our community. For people who qualify, a free smoke detector can be obtained by stopping by one of our fire stations to fill out a voucher, or by contacting any of the sponsoring organizations. Also, for people who are disabled or elderly, IBEW personnel will send an electrician out to install the detector free of charge.

Building and Fire Code Enforcement (Existing Buildings)

One of the major functions of local government is to provide a reasonable degree of safety for the citizens it governs. This mindset is ever present for the members of the Fire Prevention Bureau, who understand that unsafe buildings pose an inherent risk to both citizens and responding firefighters. In fact, a majority of the building and fire code laws in effect today came into existence to address and correct unsafe building designs and housekeeping practices.

Our inspections encompass existing buildings that are required to meet minimum building and fire codes in effect at the time they were constructed, and there are approximately 3,507 business occupancies in the City of Lafayette. Additionally, we inspect all new construction projects to insure that they meet the current code requirements.

Breakdown of Total Business Occupancies in City:

Group "A" Occupancies= *Nightclubs, Bars, Churches, etc.*

Group "B" Occupancies= *Business (General)*

Group "E" Occupancies= *Schools*

Group "F" Occupancies= *Factories*

Group "H" Occupancies= *High Hazard*

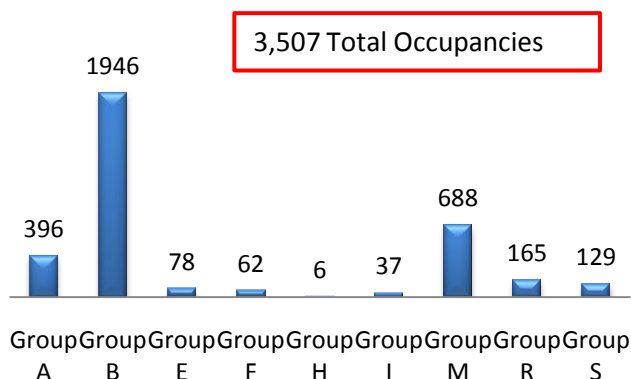
Group "I" Occupancies= *Hospitals, Nursing Homes, Assisted Living, Adult and Child Day Cares*

Group "M" Occupancies= *Mercantile (Strip Malls Occupancies, Mall Occupancies, etc.)*

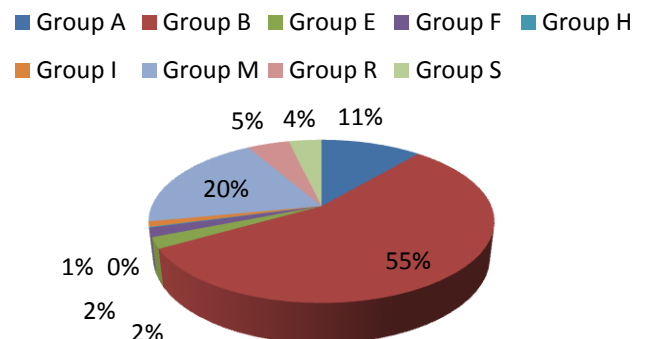
Group "R" Occupancies= *Residential (Apartments, Condominiums, Hotels and Motels)*

Group "S" Occupancies= *Storage Buildings*

2010 Occupancy Totals

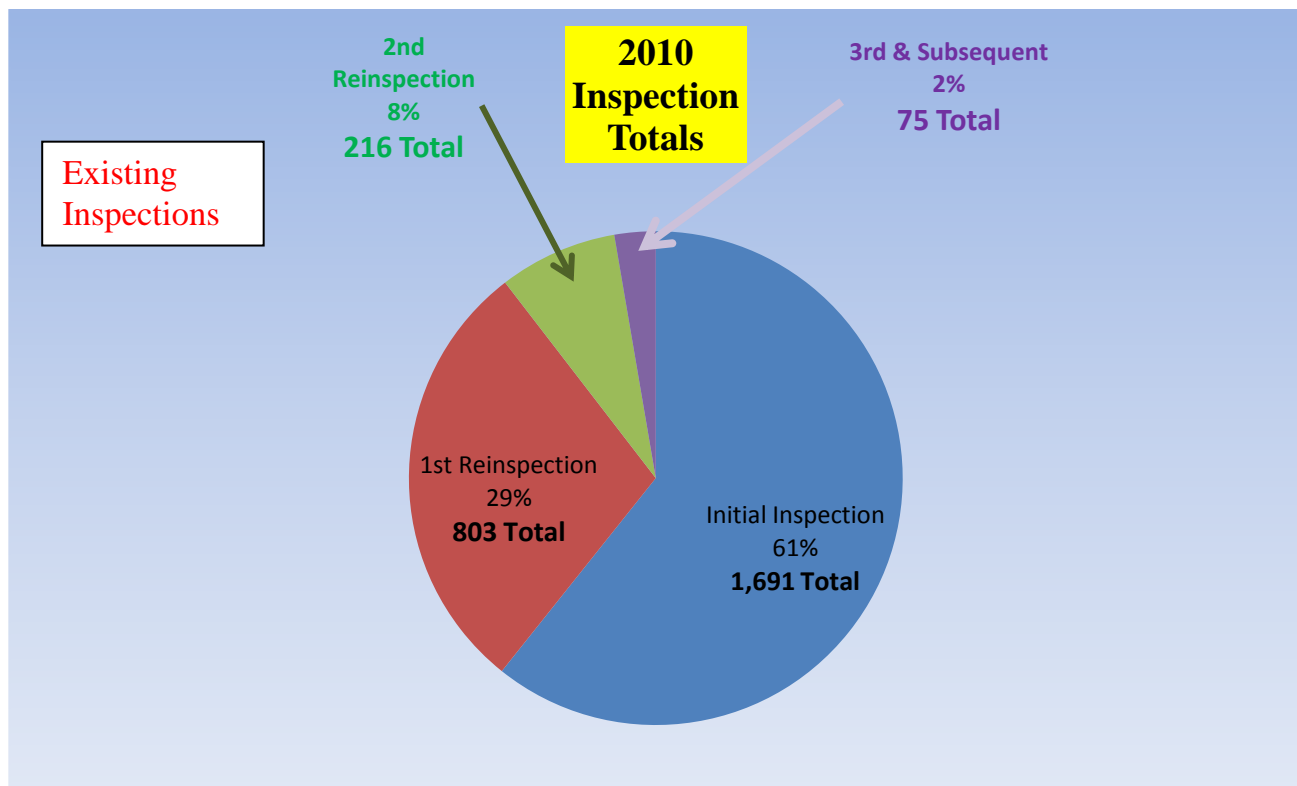
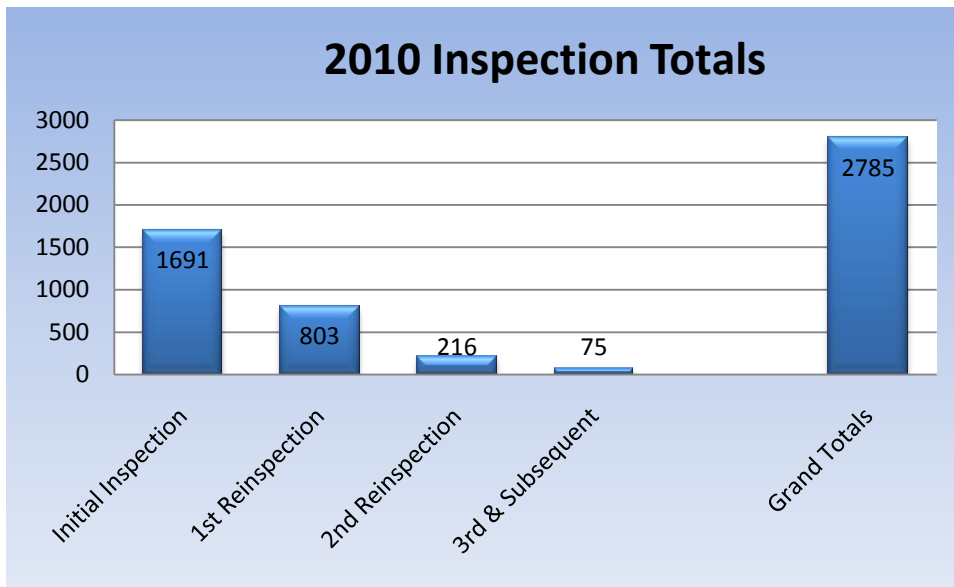


Occupancy Breakdown %



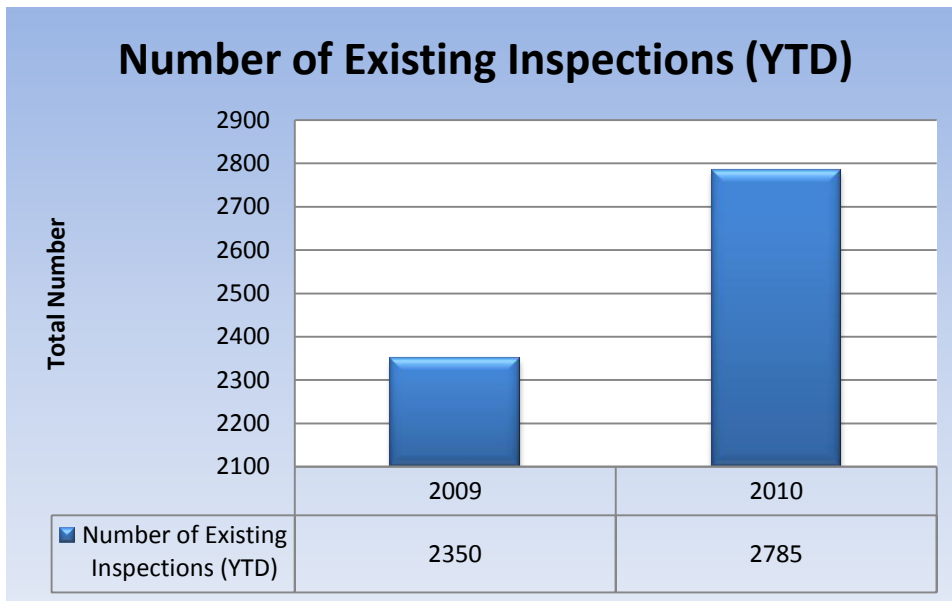
Existing Inspection Totals

2785 Total Inspections (*Existing Buildings*) for 2010



Re-inspection Consequences Data

The number of “re-inspections” required to certify compliance continues to tax our resources, and we are currently trying to identify means to reduce this number.



Lafayette Fire Inspectors increased the number of existing inspections for 2010 (19%) from previous year.

Plan Review and Inspections (New Construction Projects)

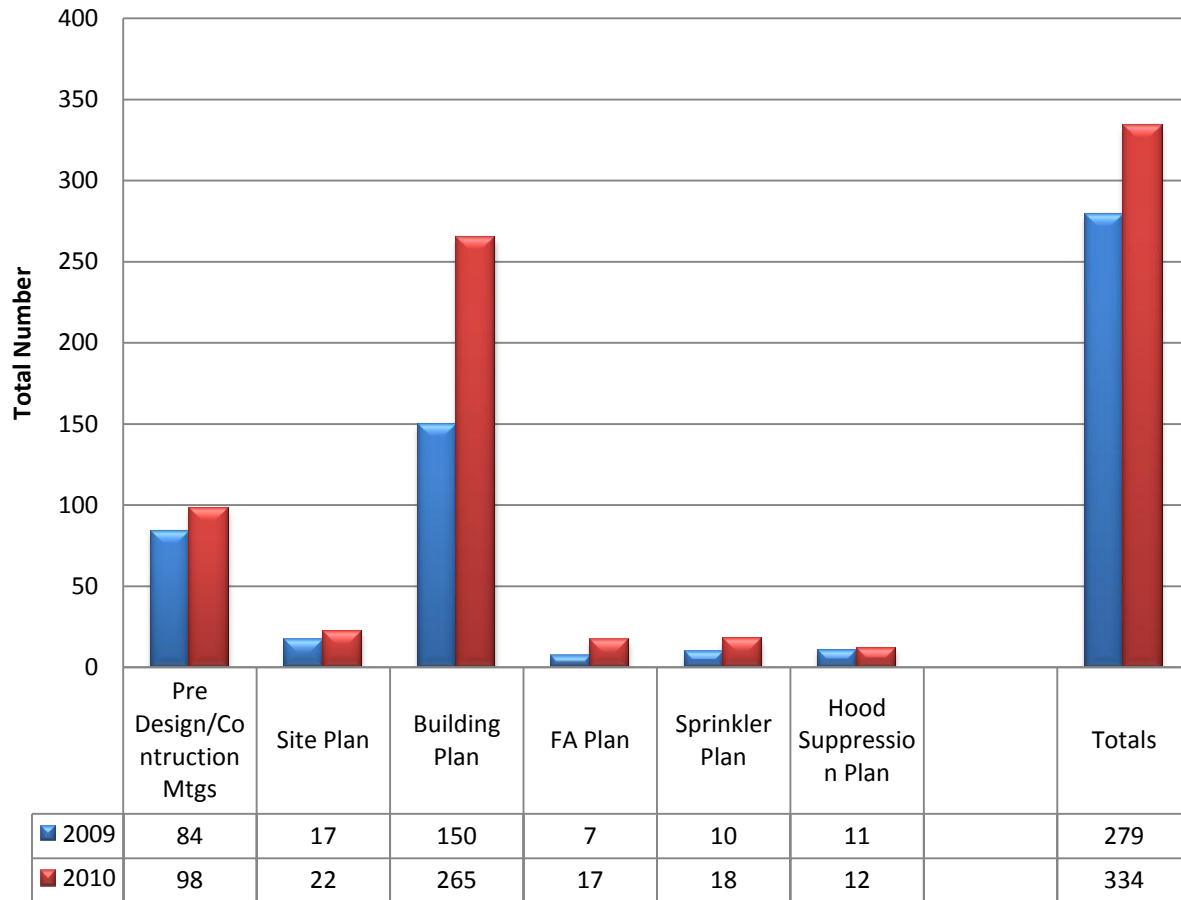
Most new construction projects are required to be filed with the state of Indiana and our City Engineer’s office to obtain necessary permits to begin construction. We conduct weekly plan reviews of all new construction, and strive to conduct very thorough reviews at the initial phases of construction to help eliminate potential conflicts at the end of the projects. Oftentimes, this will require us to meet personally with architects, building owners, and project managers in pre-construction conferences. We believe that the benefits and rewards of spending time at the front of a project provides ample justification for the costs incurred, and assists the building owner in avoiding potentially costly renovations at the end of their projects.

Our Fire Prevention Staff reviews and inspects all pertinent fire code issues, including but not limited to:

- Sprinkler Systems
- Fire Alarm Systems
- Kitchen Hood Systems
- Egress Requirements
- Hydrant Placements
- Fire Department Access to Structures
- Building Compartmentalization

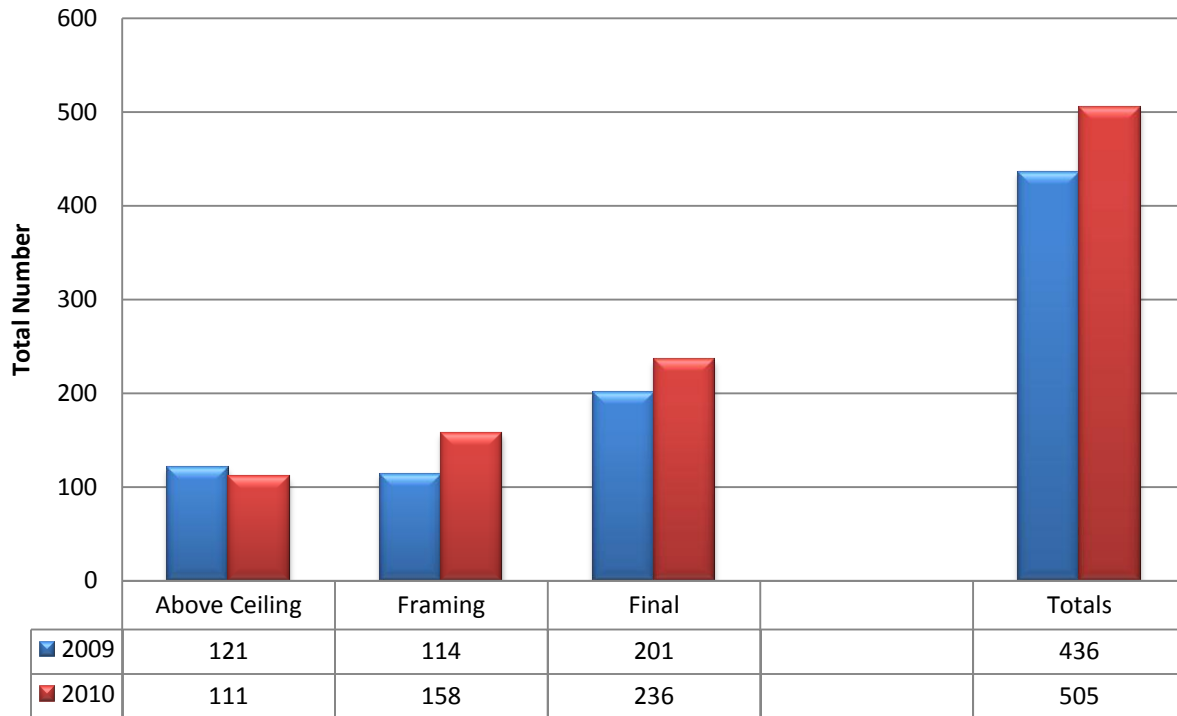
Our goal is to work with architects/engineers, building owners, and contractors to identify corrections at the beginning of the process, to help all parties eliminate costly amenities at the end of the project.

New Construction Plan Reviews



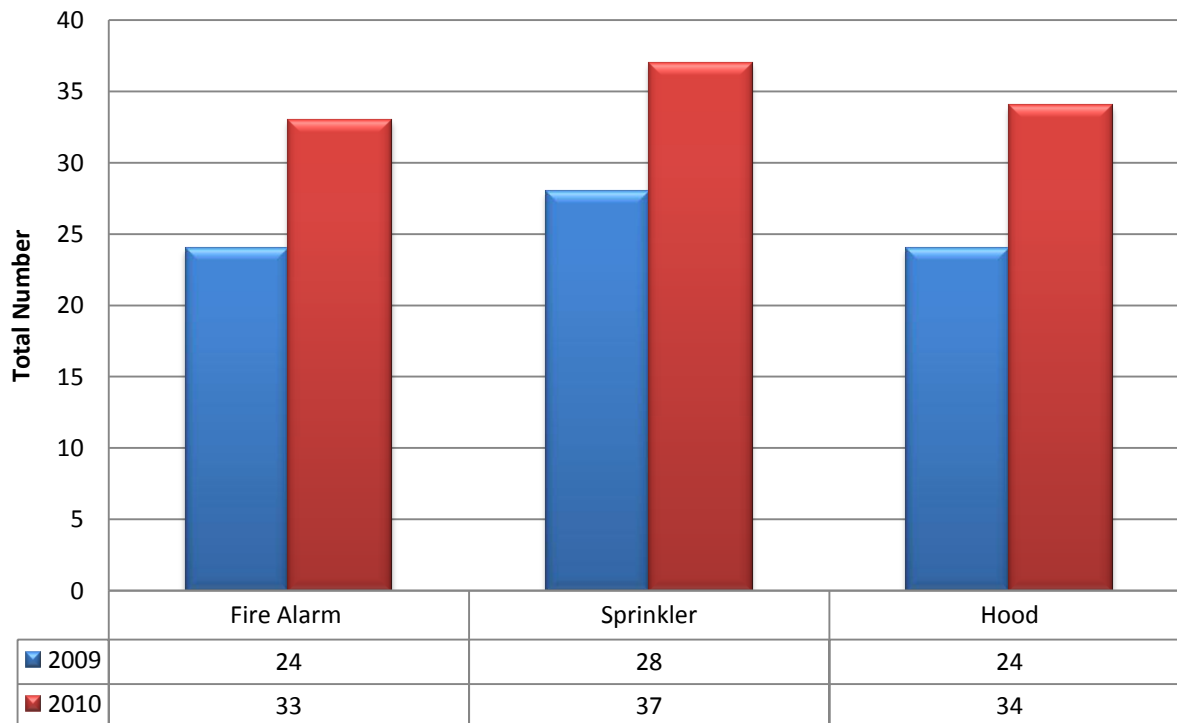
Lafayette Fire Inspectors increased the number of New Construction Plan Reviews for 2010 (19%) from previous year.

New Construction Inspections (**Structural**)



Lafayette Fire Inspectors increased the number of New Construction Building Inspections for 2010 (**19%**) from previous year.

New Construction Inspections (**Systems**)

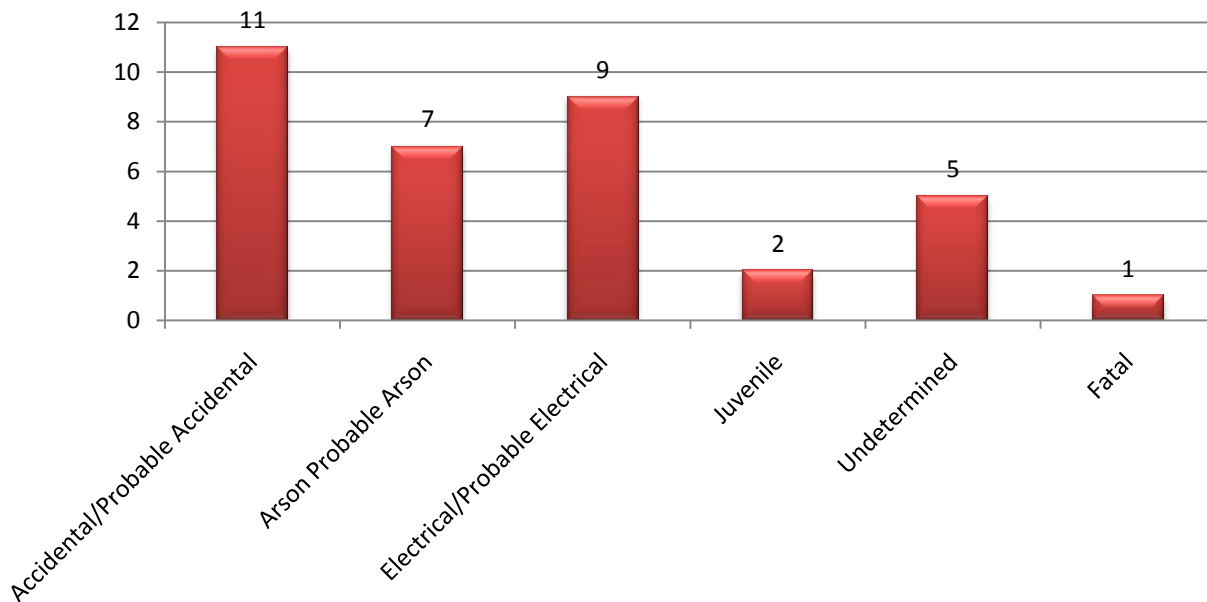


Lafayette Fire Inspectors increased the number of New Construction Systems Inspections (*Sprinklers, Fire Alarms*) for 2010 (**19%**) from previous year.

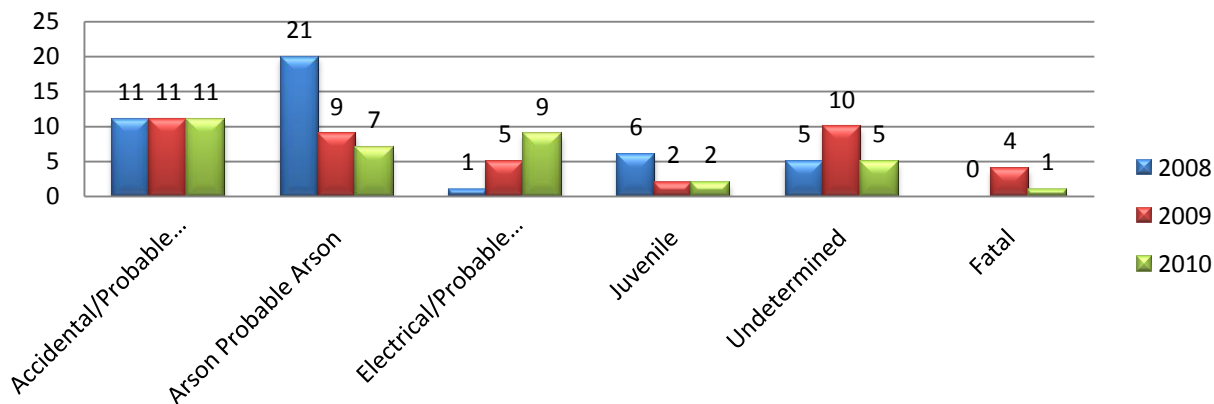
Fire and Explosion Investigations

Members assigned to the Lafayette Fire Prevention Bureau have the responsibility to investigate the “cause and origin” of residential/commercial structure fires and vehicle fires when requested by the Assistant Chief of Suppression. Additionally, we respond to and investigate incidents that involve natural gas explosions. Our investigators attend professional training seminars and have professional memberships/certifications, which include the International Association of Arson Investigators (IAAI). This organization provides opportunities for training and networking with other investigators throughout the state. It provides a highly coveted Certified Fire Investigator (CFI) program, which certifies the individual has met minimum experience, training, and courtroom testimony. Currently, two members of our staff have obtained a CFI and are listed amongst a total of approximately seventy (70) CFI’s in the entire state of Indiana.

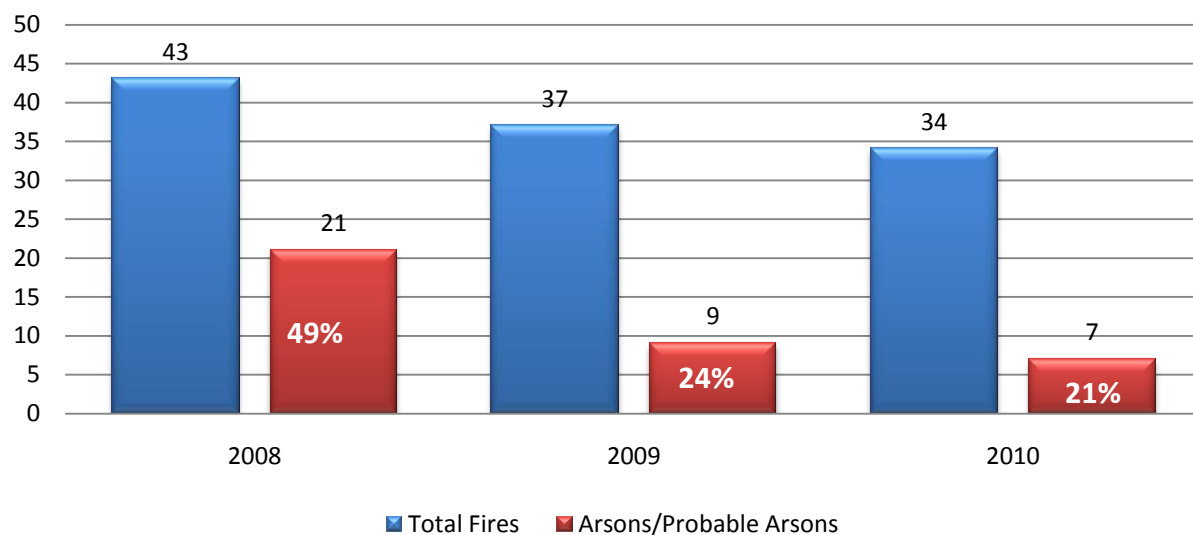
2010 Fire Causes



2008 thru 2010 Fire Cause Comparisons

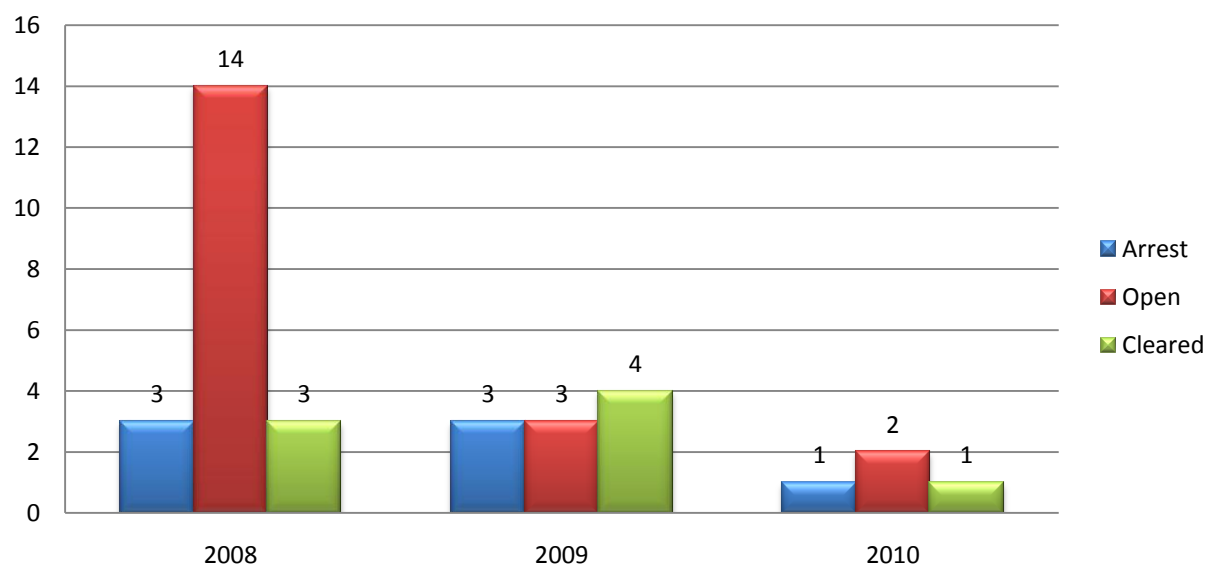


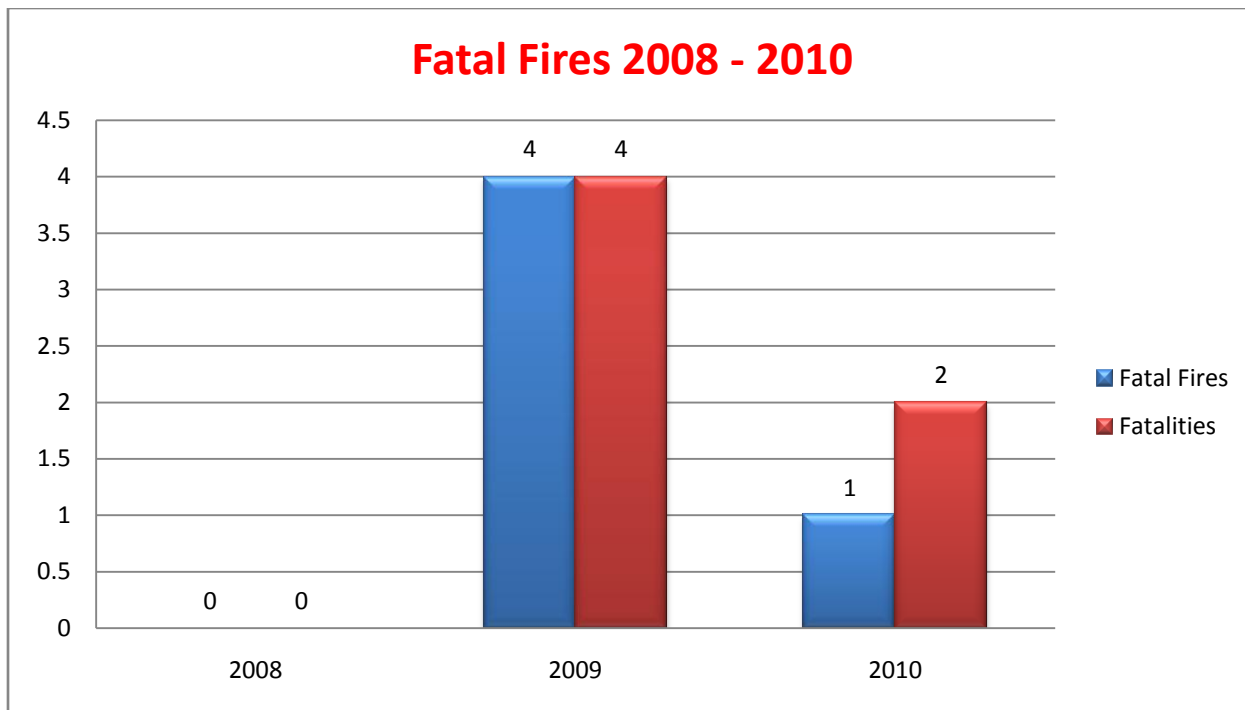
Total Fires/Arsons 2008 - 2010 Ratios



Arson Causes were down (3%) from 2009, and (28%) from 2008, to a total number of 21% of all fires investigated.

"Arson" Arrests, Open, Cleared 2008 -2010





2010 Investigation Report Data

Lafayette Fire Investigations investigated 34 structure fires for the year, seven of which involved arson/or probable arson, broken down as follows (**21% of all fires in 2010**):

- 4 arson fires confirmed, and 3 fires determined to be “probable arson”
- Of the 4 confirmed arson fires, one arrest was made, and one case was “cleared” by our office, meaning the cases were turned over to the prosecutor’s office awaiting criminal charges to be filed. **(resulting in a 50% case clearance rate)**
- 2 residential fire deaths for the year 2010, as a result of one fire, attributed to careless smoking

Additional Duties

The Fire Prevention staff performs other duties that benefit the fire department, which include:

- Assisting in the fire training for new recruits.
- At large scale fire events our staff is called upon to fill positions of incident command which include safety officer, accountability officer, etc.
- Special Investigations

Lafayette Fire Department Training Division



New Recruit Class: Jayson Lohmeyer, Ryan Sanders, Michael Koning, Jr., Justin Brown, Sarah Hagerty, Clinton Korty and Kevin Woollen

The Lafayette Fire Department's Training Division is located at 2070 South 500 East, just north of the SIA automotive plant in Lafayette. We have one full-time training coordinator and he is assisted by many on-shift certified trainers. The training division provides training for our department's members and other outside agencies division this year.

In-House Training Hours:

Haz/Mat Training
Firefighter I/II
Haz/Mat Tech
Emergency Medical Tech
Instructor I
Fire Officer I
Inspector I
Live Fire Training

Outside Training:

Flashover
Emergency Response Team Training
Confined Space Awareness Training
Haz/Mat Training
Incident Command Training
District 4 Fire Training

Outside organizations that received training:

Caterpillar
Tate and Lyle
Eli Lilly
Rea Wire
Subaru of America

Special Events:

- 7 Lafayette Fire Department recruits completed a 15-week recruit school.
- New burn room was completed.
- New training building completed. This gives us the ability to have mutable classes going on at one time.



Live Fire Training



Live Fire Training



Live Fire Training

Lafayette Fire Department Hazardous Materials Team



Firefighters work with a 1-ton cylinder of chlorine

The ever present threat of chemical, biological, radiological and explosive mixture incidents ensures that the Lafayette Fire Department Hazardous Materials Team must be prepared to contain any possible situation.

In 2010, with the addition of seven new recruit firefighters who were trained to the hazardous materials technician level, the number of hazmat tech firefighters is now over 60. Two additional firefighters also completed the 80-hour hazardous material technician training along with the recruits.

In addition to training locally, some team members attended training around the country sponsored by the Department of Homeland Security and various other hazardous materials training organizations. These training sessions included response to chemical, biological, radiological, explosive, flammable liquid, pipeline, tank truck and railroad incidents.

The Lafayette Fire Department Hazardous Material Team continues to work with Purdue Fire Department, Frankfort Fire Department and Tippecanoe Emergency Management Agency to provide hazardous material response throughout the nine county area of District 4. The team is also deployable throughout the state in the event of a large scale disaster.

Lafayette Fire Department Tactical Rescue Team



Confined Rescue Training

In 2010, the Tactical Rescue Team grew to 32 members. Team members are highly trained in rope rescue, confined space rescue, trench rescue and structural collapse. Team members rotate training between these disciplines at the Lafayette Fire Department Training Center and various industrial sites around Lafayette such as Tate & Lyle, Rea Wire and Alcoa.

Tactical Rescue Team members also receive technician level training in heavy vehicle/machinery extrication and antennae/tower rescue.

The Lafayette Fire Department Tactical Rescue Team is the only team in the nine county area of District 4 to provide this level of rescue service. The team is recognized by the State of Indiana as a team that may be deployable in the event of a large scale disaster anywhere.

Team membership is completely voluntary and members receive no type of compensation for the many hours of off-duty training that they put in.

Tactical Rescue Team

Ryan Altman
Steve Arndt
Dave Bisher
Michael Blann
Steve Butram
Jason Clark
Myron Congram
Brad Cornell

Joey Danaher
Mike Davis
Adam Deaton
Richard Doyle
Randy Evans
Toby Frost
Jeff Hauser
Chad Hoey

Scott Hunter
Jason Jordan
Ted Koeppen
Lance Martin
Jon McDaniel
Mike Moran
Tagg Morris
Todd Munson

Brian Perior
Mark Phillips
John Robinson
Jeff Smith
Karl Stokes
Mike Stull
Ryan Woody
Brad Young



Rope Rescue Training

Total Runs for 2010

5,415

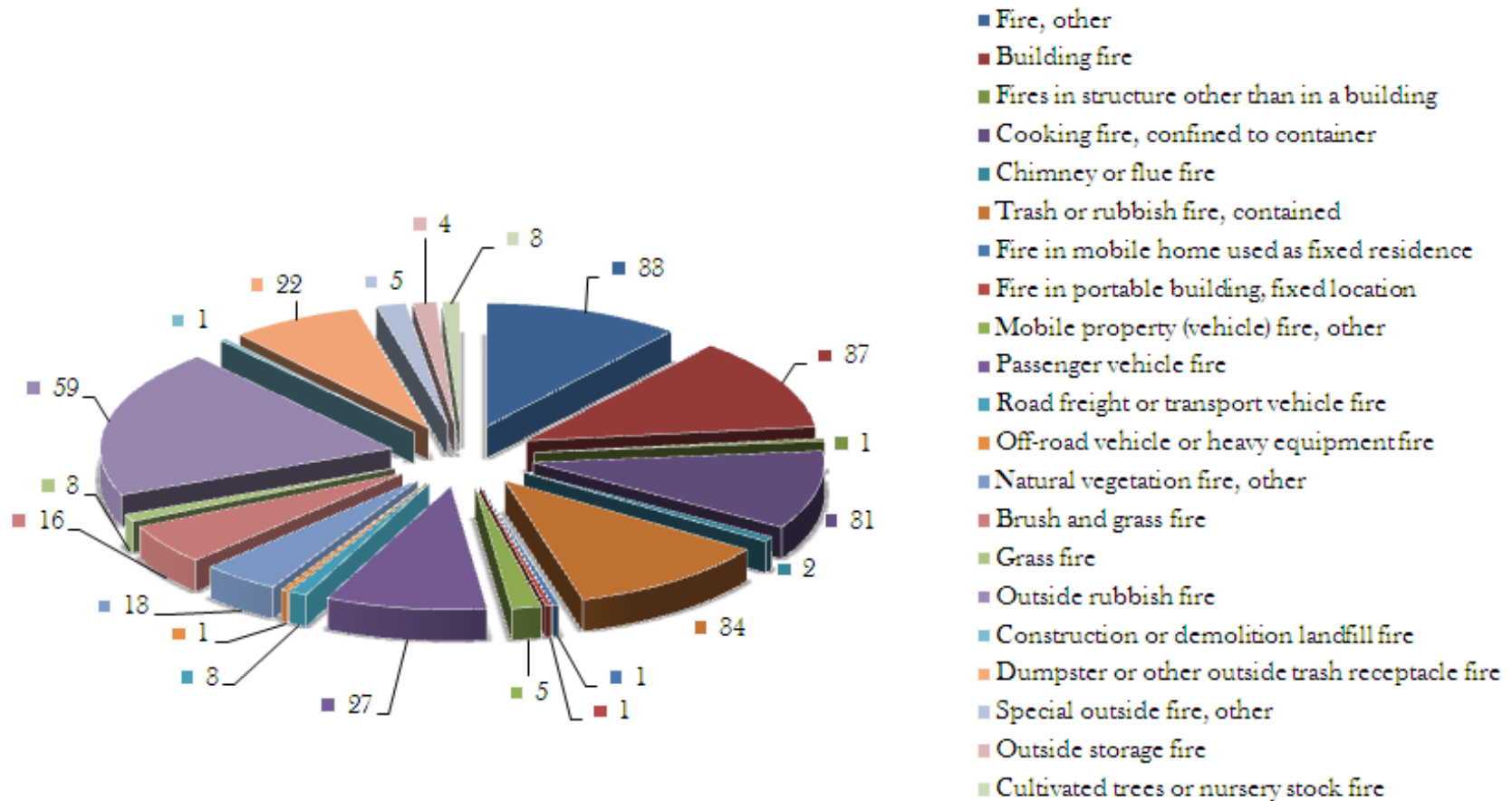
Includes The Following:

Fire Related (302)

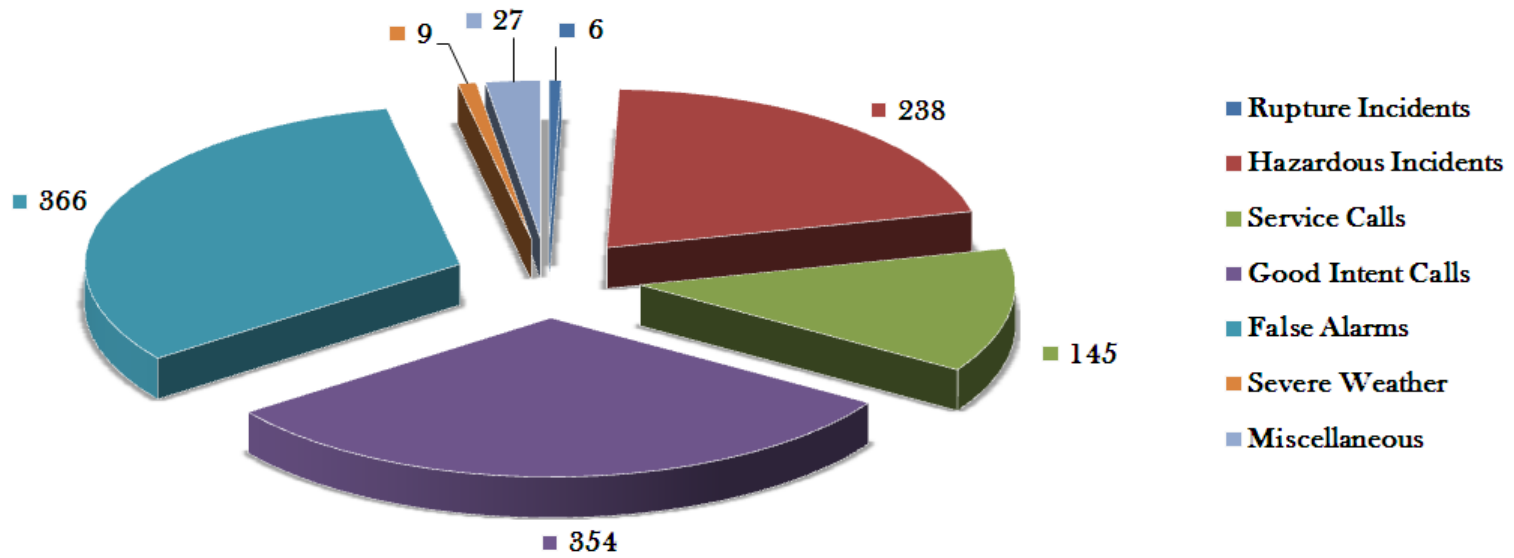
Non-Fire Related (1,145)

EMS (3,968)

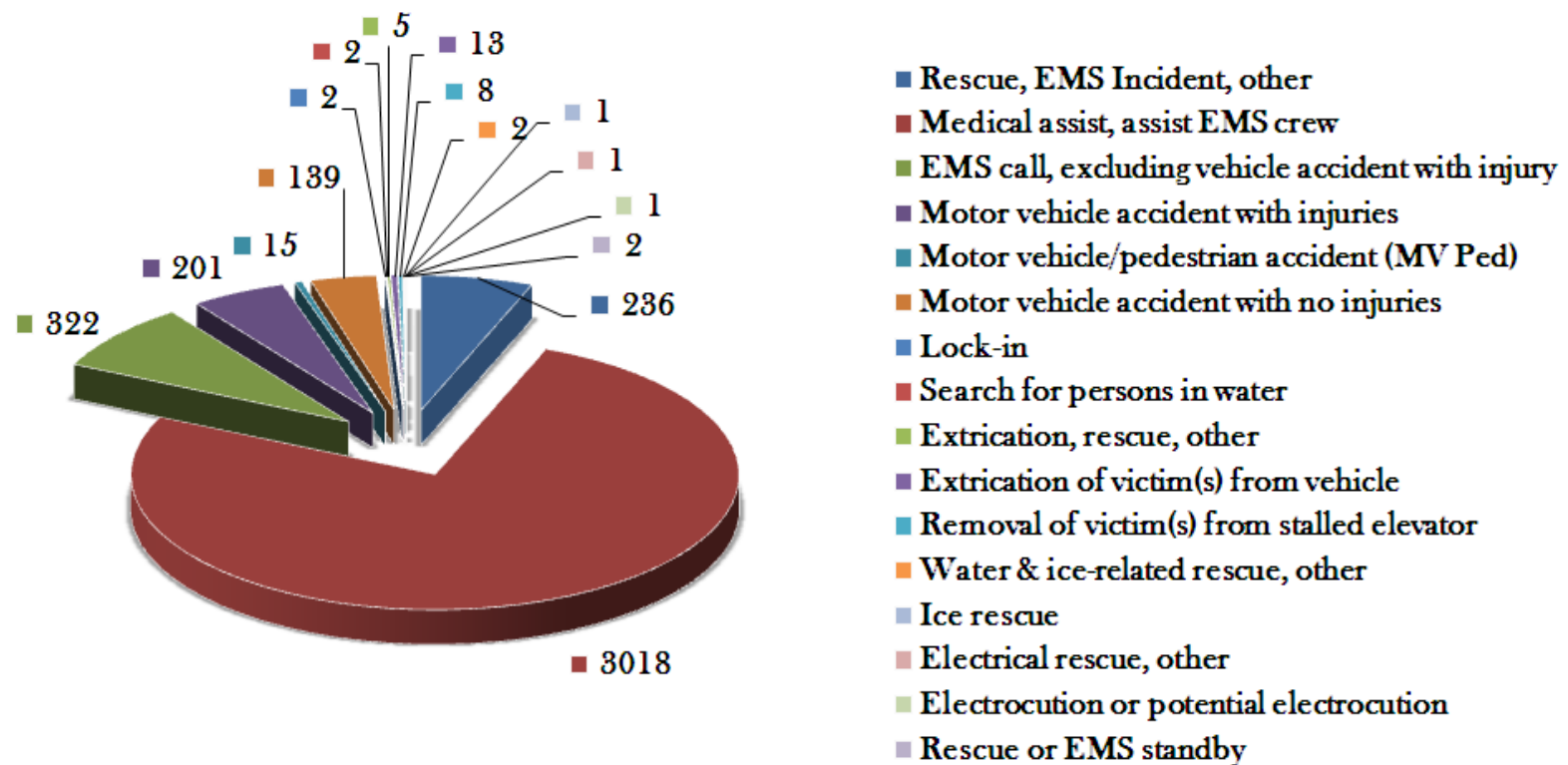
2010 Fire Runs



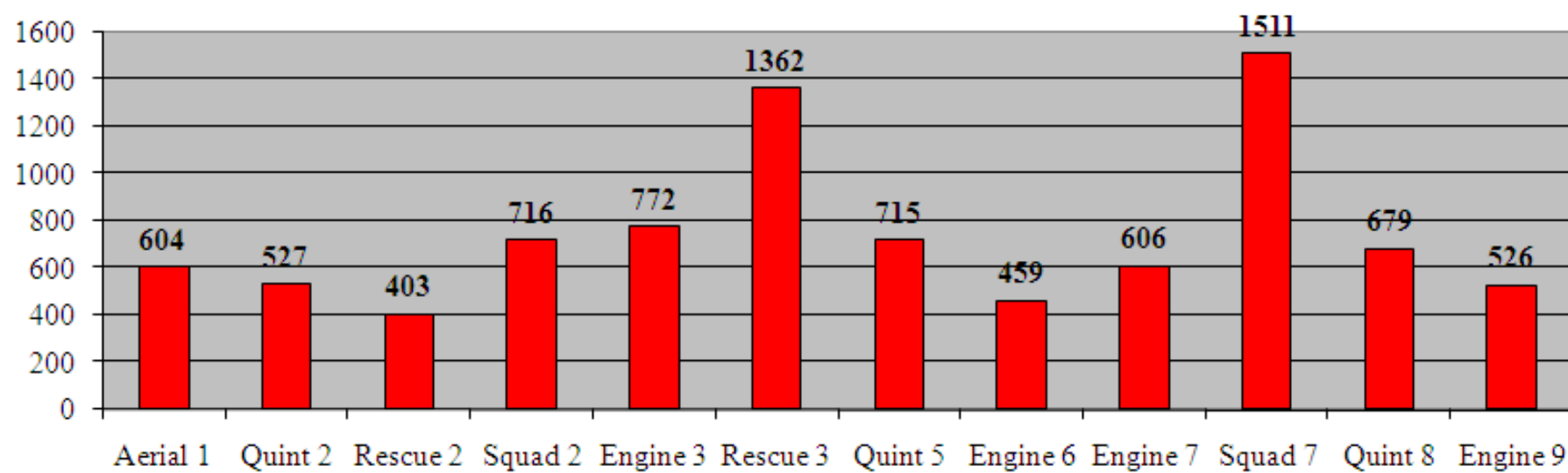
2010 Non-Fire Related Runs/Excluding EMS



2010 EMS Runs



2010 Responses Per Unit



2010 Calls Per Zone

